(19) World Intellectual Property Organization

International Bureau





(43) International Publication Date 23 December 2004 (23.12.2004)

PCT

(10) International Publication Number WO 2004/110878 A1

(51) International Patent Classification7:

B65D 1/02

(21) International Application Number:

PCT/IB2004/001956

(22) International Filing Date: 10 June 2004 (10.06.2004)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data: MI2003A001185

12 June 2003 (12.06.2003) IT

(71) Applicant (for all designated States except US): CON-CORDIA DEVELOPMENT S.R.L. [IT/IT]; Via Valvassori Peroni, 55, I-20133 Milano (IT).

(71) Applicant and

(72) Inventor: PEDULLA', Christian, Pio [IT/IT]; Vicolo Manni, 1, I-28010 Ameno (Novara) (IT).

(72) Inventor; and

(75) Inventor/Applicant (for US only): PAGLIACCI, Gianfilippo [IT/IT]; Viale Cassiodoro, 12, I-20145 Milano (IT).

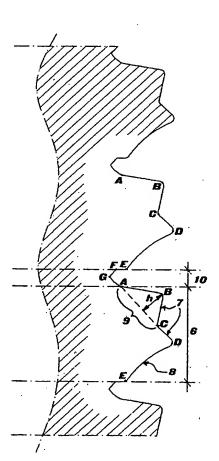
(74) Agents: FAGGIONI, Marco et al.; Fumero Studio Consulenza Brevetti, Via S. Agnese, 12, I-20123 Milano (IT).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH,

[Continued on next page]

(54) Title: IMPROVED, PROGRESSIVELY COLLAPSIBLE, DISPOSABLE CONTAINER



(57) Abstract: Progressively-collapsible disposable container, of the type in which at least part (2) of the container lateral surface consists of a bellows structure comprising a plurality of adjacent folds (A-G), each fold being formed by two opposite surfaces of different width, characterised in that the larger-width surface (A-D) is stiffer than the smaller-width one (D-E). Preferably, the greater stiffness of the larger surface of the folds is a shape stiffness, obtained shaping said surface with a stiffening step-rib (A-C), having rounded-off edges, projecting outwards of the container.

WO 2004/110878 A1

WO 2004/110878 A1

GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Declaration under Rule 4.17:

 as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii)) for all designations

Published:

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.